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## Machine status

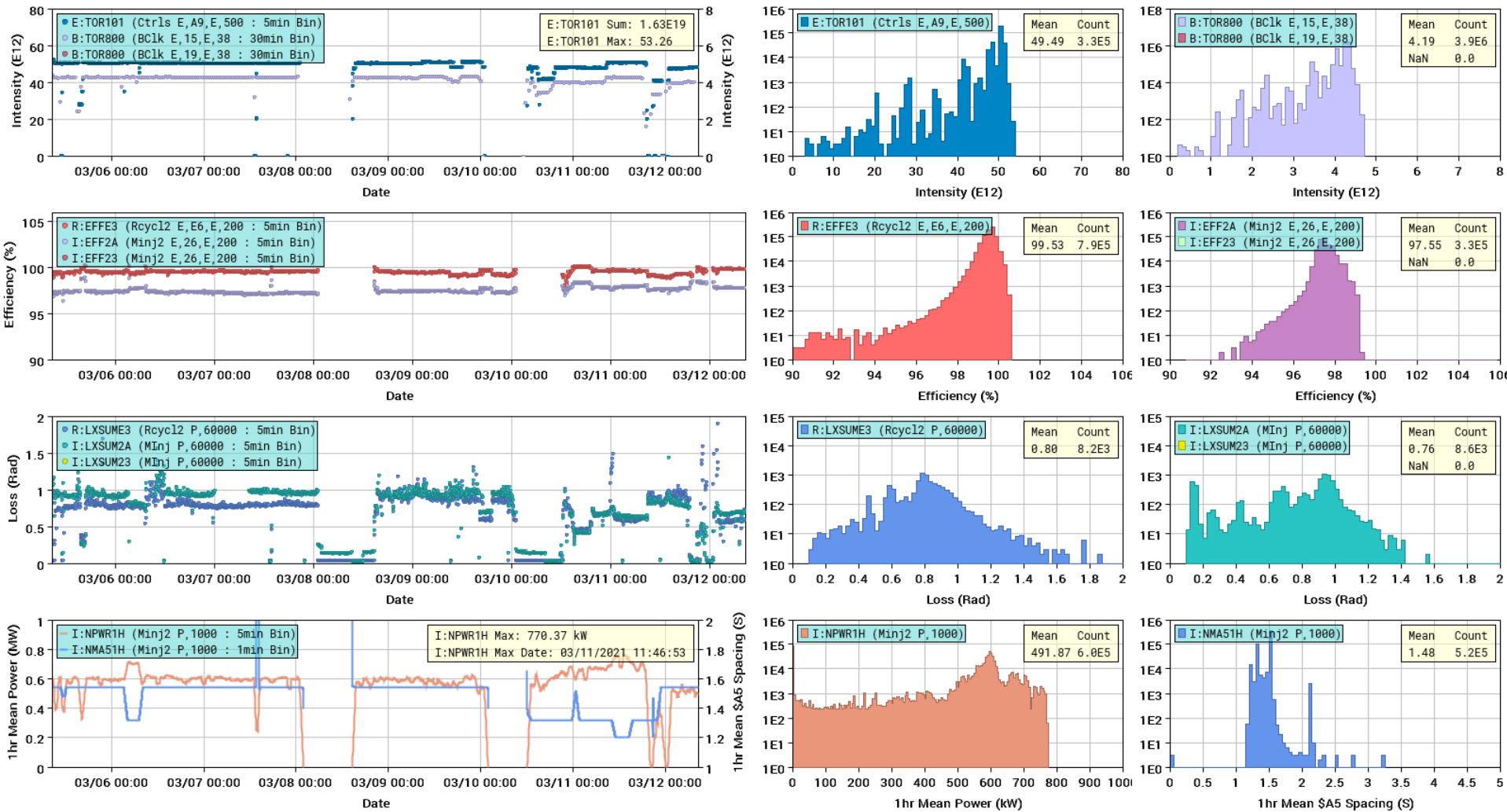
Marty Murphy

9am Meeting

12 March 2021

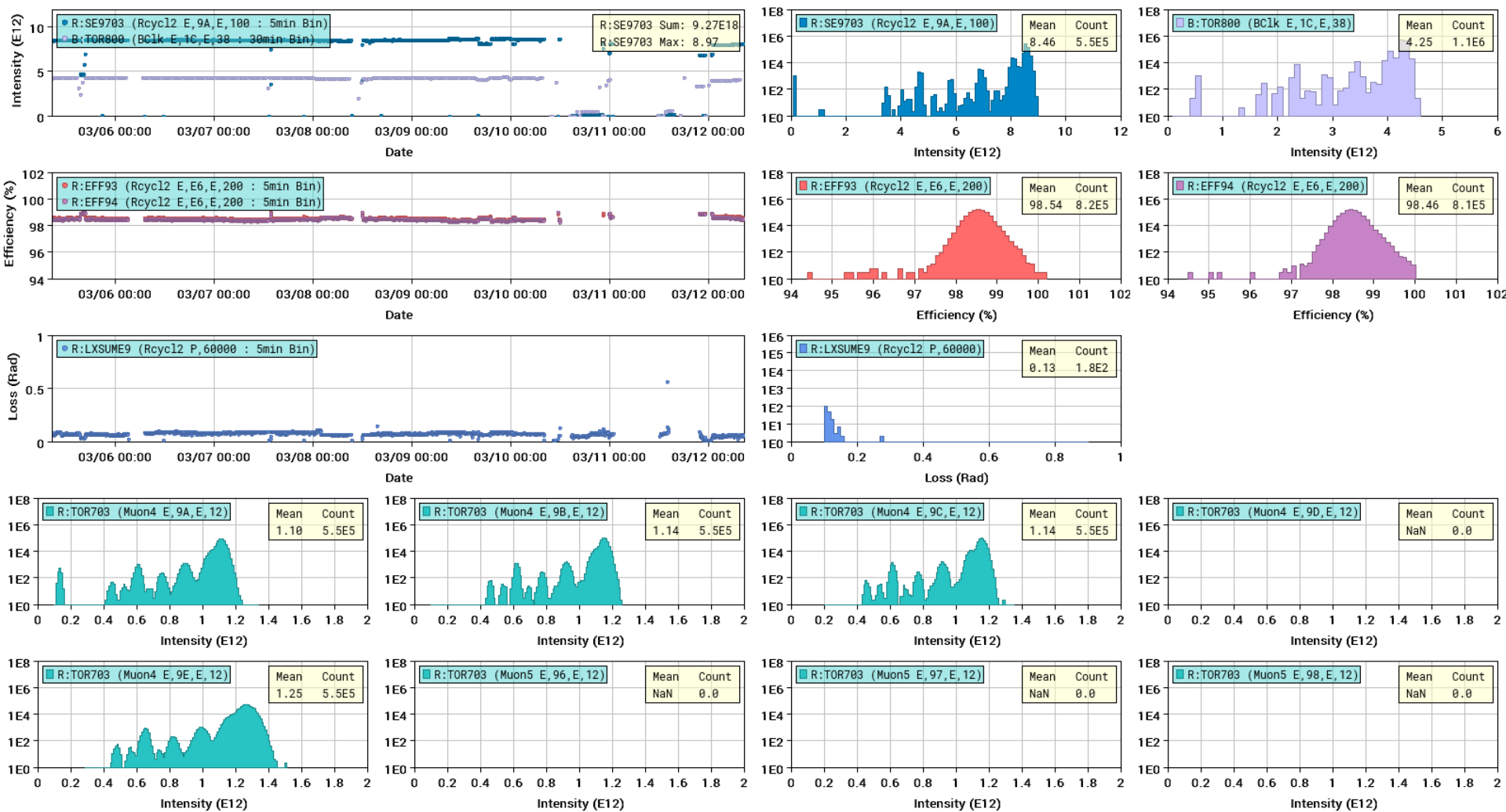
## Main Injector And Recycler NuMI Performance (Week)

Updated 03/12/2021 08:30:00



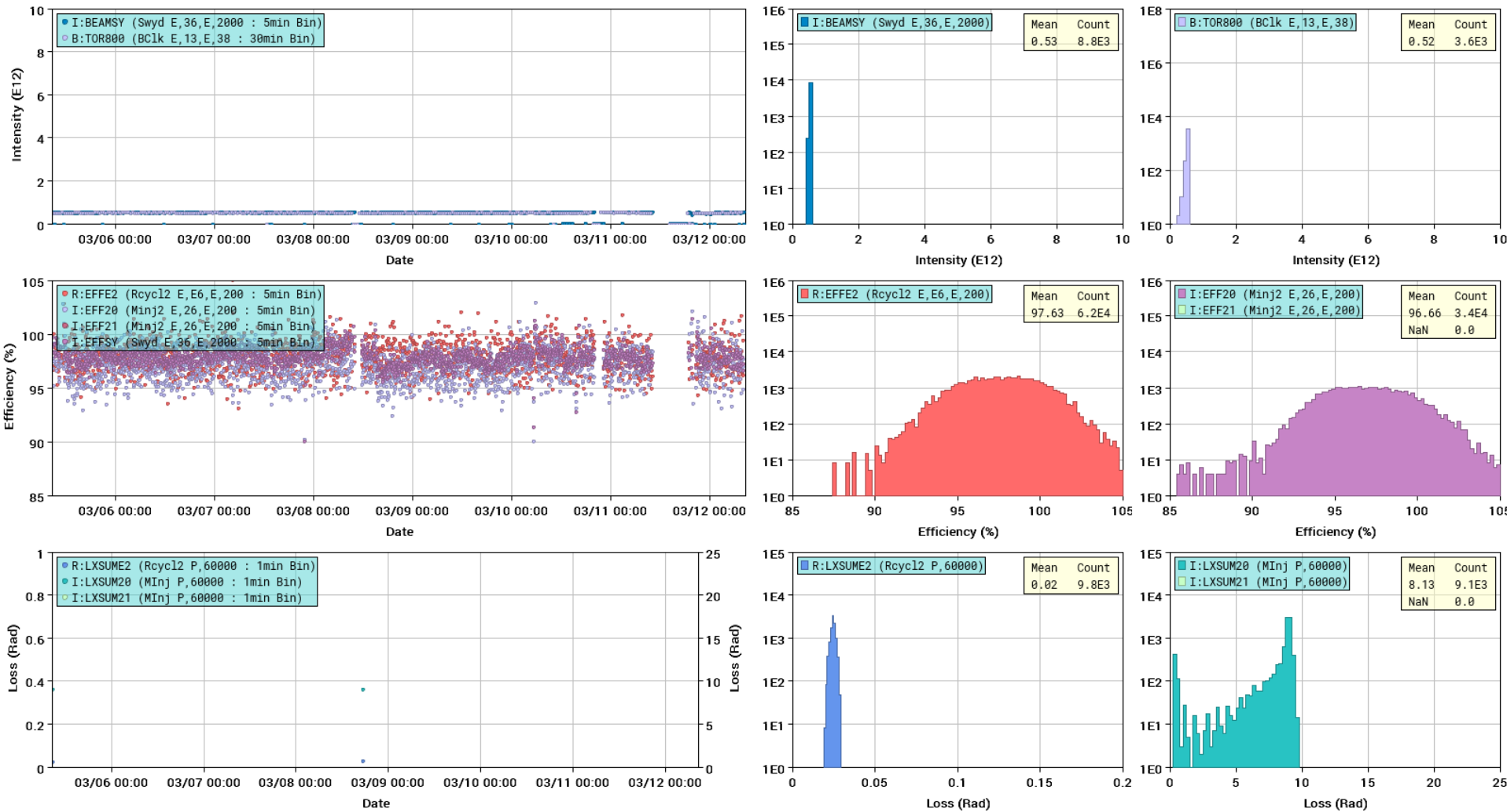
Recycler Muon Performance (Week)

Updated 03/12/2021 08:30:49



## Main Injector And Recycler Switchyard Performance (Week)

Updated 03/12/2021 08:30:26



# MI Downtime

Main Injector Downtime (Week)

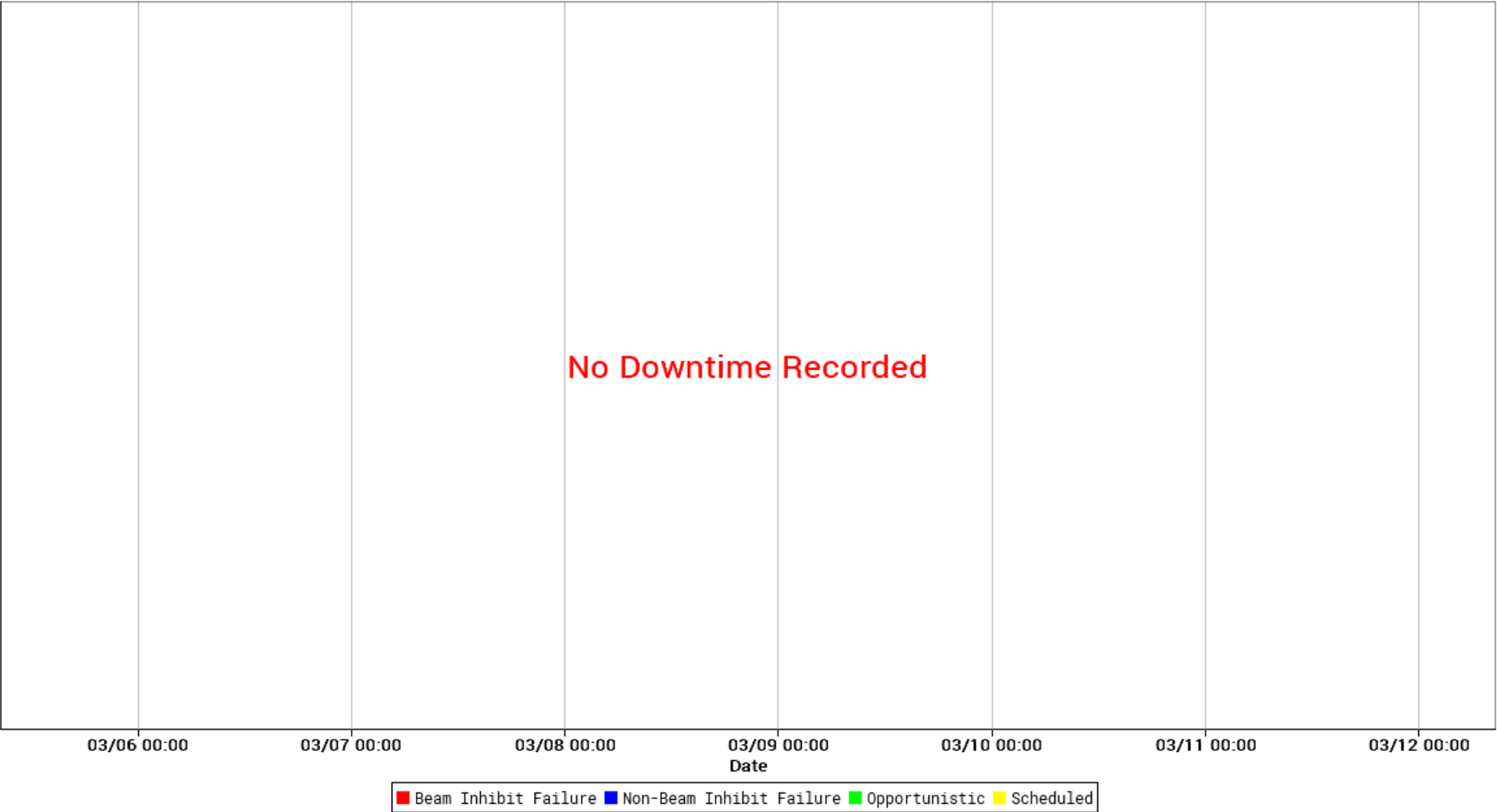
Updated 03/12/2021 08:29:56



# RR Downtime

Recycler Downtime (Week)

Updated 03/12/2021 08:29:56



## This Week: Studies, Tuning & Problems

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- New NuMI beam power record – 801 KW.
- RR adiabatic recapture studies; one event under the \$20 – Rob.
- MI tune calibration measurements were mostly non-disruptive
- MI RF Cavity LCW leak – currently at 6 GPD. Leak is in tunnel and will require an access to fix. Time TBD.
- Requests:
  - Lower RR 53 MHz RF floor to 1KV

## Next Week Studies & Tuning

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- RR adiabatic recapture studies; one event under the \$20.
- Looking for two or more hours of time for high power beam studies – NuMI ONLY @ 1.2 second duty cycle. This is an opportunistic request.